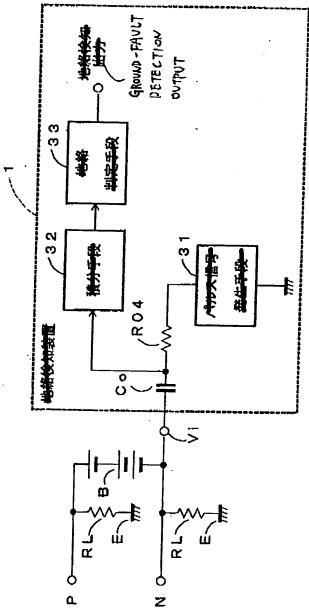
Filing date: October 16, 2003 Darryl Mexic 202-663-7909 1 of 8

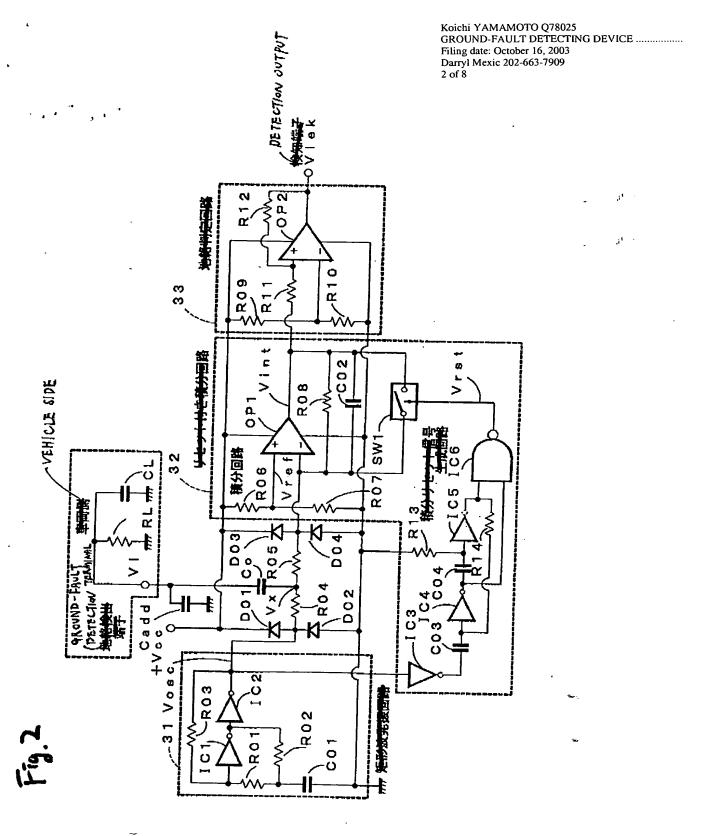


1: GROUND-FAULT DETECTING DEVICE

31: PULSE SIGNAL GENERATING UNIT

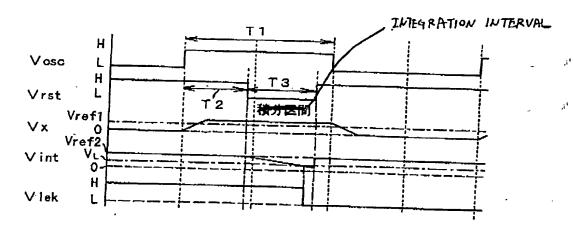
32: INTEGRATING UNIT

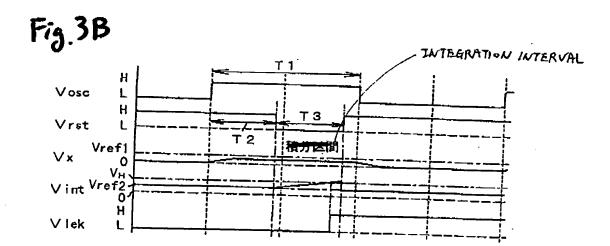
33: GROUND-FAULT JUDGING UNIT

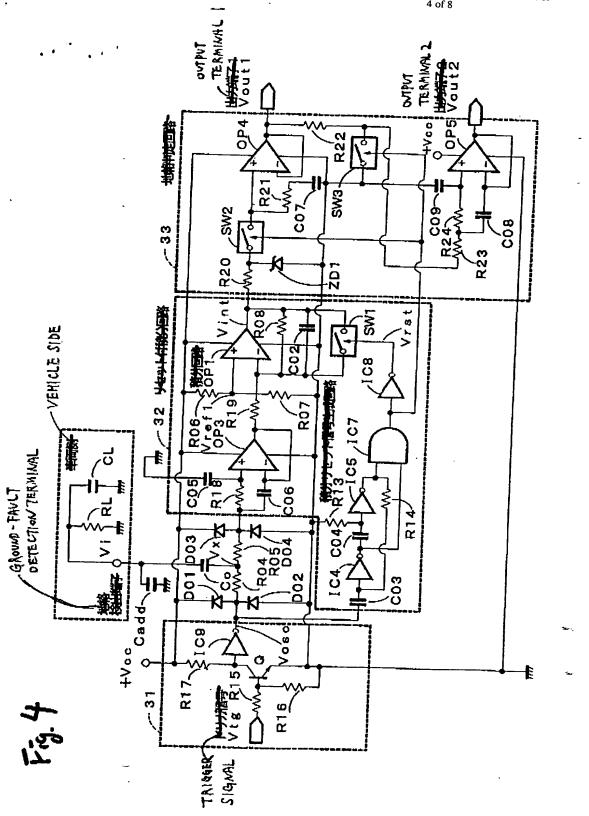


Koichi YAMAMOTO Q78025 GROUND-FAULT DETECTING DEVICE ...... Filing date: October 16, 2003 Darryl Mexic 202-663-7909 3 of 8

## Fig.3A

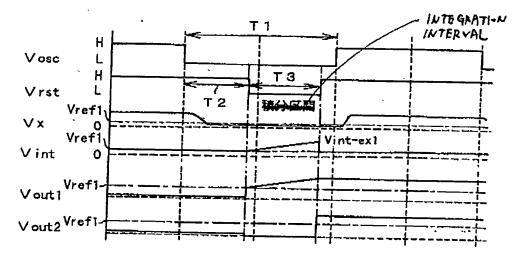


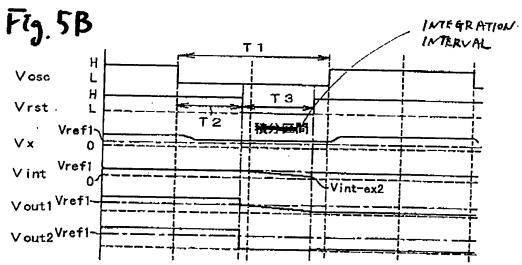


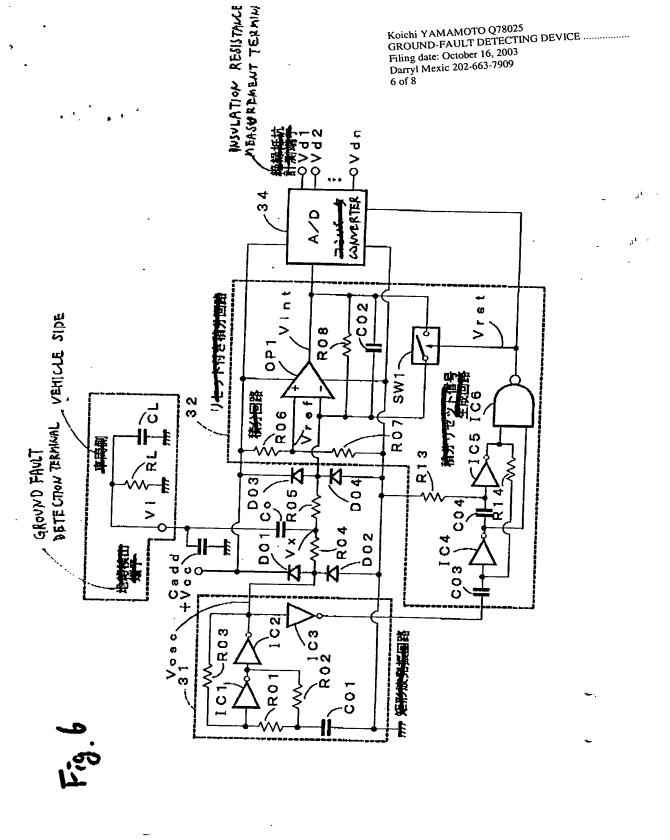


Koichi YAMAMOTO Q78025 GROUND-FAULT DETECTING DEVICE ...... Filing date: October 16, 2003 Darryl Mexic 202-663-7909 5 of 8

## Fig. 5A







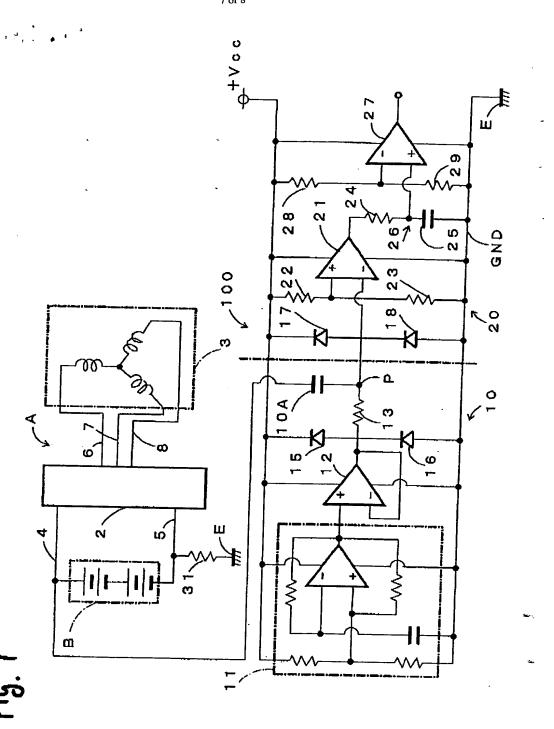


Fig. 8

Koichi YAMAMOTO Q78025 GROUND-FAULT DETECTING DEVICE ...... Filing date: October 16, 2003 Darryl Mexic 202-663-7909 8 of 8

BEFORE GROUND-FAULT DETECTION 15481915115

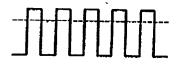
AFTER GROVND-FAVLT DETECTION 地緒快出後

output	OF
02clTT	170R
ALL P20 <del>就是</del> H	78
##	<b>7</b>



VOLTAGE AT

CONNECTING VI POINT VI





COMPARATOR

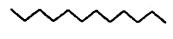
<del>比較器</del>



0 ----

JUMOOTHING CIRCUIT

> 于加回路 2 6



.

COMPARATOR O



High

----- Hi